

Converting Colors

CIELCh(15, 26.235, 326.104)

Have a look what the booklet for
CIELCh(15, 26.235, 326.104)
contains.

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Color

CIELCh(15, 26.792, 326.138)

Conversions

Conversions Part 1

Format	Color
Hex	3A193B
RGB	58, 25, 59
RGB Percent	23%, 10%, 23%
CMY	0.7726, 0.9020, 0.7687
CMYK	0.02, 0.58, 0.00, 0.77
HSL	298°, 40%, 16%
HSV	298°, 58%, 23%
XYZ	2.8794, 1.9086, 4.3510
YIQ	38.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

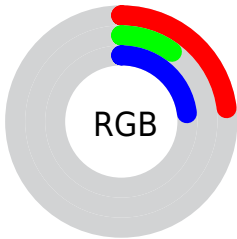
Format	Color
R_{YB}	58, 25, 59
Decimal	3807547
CIE _{Lab}	15.00, 22.25, -14.93
CIE _{LCh}	15, 26.792, 326.138
Yxy	1.9086, 0.3151, 0.2088
Android (android.graphics.Color)	4281997627 (0xFF3A193B)
YUV	38.7430, 9.9867, 16.8884
Hunter-Lab	13.8151, 13.0270, -9.0026

Details

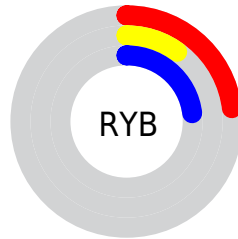
The CIELCh color **15, 26.792, 326.138** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 26.858, 139.807**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 26.461, 326.167**, and **0, 6.347, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.735, 326.469**, and if you desaturate by 10%, it is **16, 22.464, 325.758**.

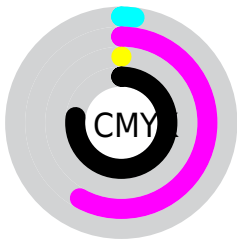
Distribution



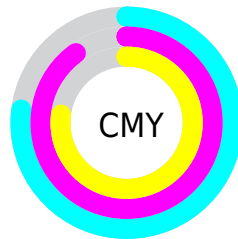
- Red (23%)
- Green (10%)
- Blue (23%)



- Red (23%)
- Yellow (10%)
- Blue (23%)



- Cyan (2%)
- Magenta (58%)
- Yellow (0%)
- Black (77%)





- Cyan (77%)
- Magenta (90%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.792, 326.138 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 15, 26.792, 326.138 by changing the saturation by 10% instead.

 15, 26.792,
326.138


 15, 26.792,
326.138

 100, 26.792,
326.138


 5, 26.792, 326.138


 35, 26.792,
326.138

 0, 26.792, 326.138

 45, 26.792,
326.138

 55, 26.792,
326.138


 65, 26.792,
326.138


 75, 26.792,
326.138


 85, 26.792,


326.138


 95, 26.792,
326.138


 15, 26.792,
326.138


 15, 26.792,
326.138


 14, 30.735,
326.469


 16, 22.464,
325.758

 13, 34.156,
326.738


 18, 17.886,
325.342

 12, 37.024,
326.946

 20, 13.164,
324.902

 11, 40.010,
327.167

 22, 8.387, 324.446

 11, 40.754,
327.224

 23, 3.617, 323.974

 25, 1.100, 143.649

■ 27, 5.733, 143.129

■ 29, 10.263,
142.692

■ 31, 14.680,
142.277

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15, 26.792, 326.138



22, 26.858, 139.807

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15, 26.792, 326.138



15, 26.792, 16.138



15, 26.792, 146.138



15, 26.792, 196.138

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15, 26.791, 326.138



29, 10.039, 324.452



11, 23.941, 296.206



13, 6.592, 324.468



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15, 26.791, 326.138



19, 38.435, 326.599



14, 19.921, 346.958



10, 2.709, 324.015



20, 55.910, 327.146



52, 104.171, 327.059

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14, 18.302, 22.951



17, 27.925, 26.075



22, 19.078, 156.756



10, 1.575, 17.362



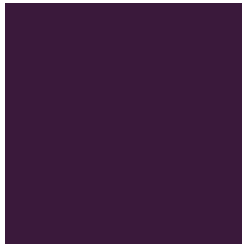
17, 46.625, 33.712



46, 92.917, 39.047

Previews

White Background



This preview shows how the CIE LCh color 15, 26.792, 326.138 looks on a white background.

Color Contrast Check

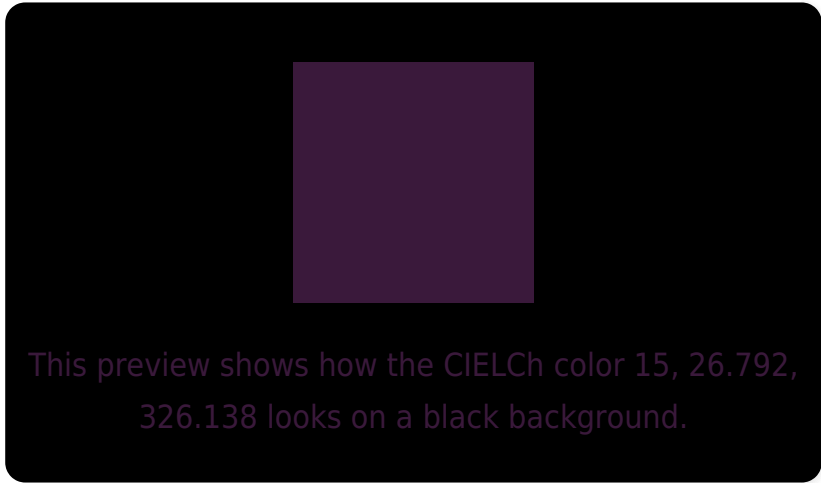
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

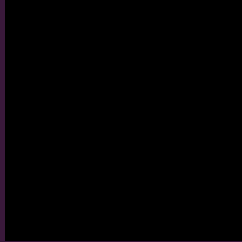
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 26.792, 326.138

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.792, 326.138.



This preview shows how white text looks on a background with the CIELCh color 15, 26.792, 326.138.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15, 26.792, 326.138

Protanopia

15, 23.429, 284.840

Deuteranopia

15, 13.550, 282.171



Tritanopia
15, 11.934, 16.059

Trichromacy



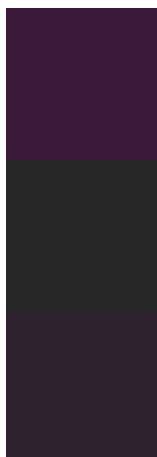
Original Color
15, 26.792, 326.138

Protanomaly
15, 23.392, 297.969

Deuteranomaly
15, 18.067, 305.074

Tritanomaly
15, 15.974, 346.691

Monochromacy



Original Color
15, 26.792, 326.138

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 10.159, 325.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.792, 326.138 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 25, 59)` looks like.

```
.text, #text, p{  
    color:rgb(58, 25, 59)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 25, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 25, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.792, 326.138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 25, 59) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(58, 25, 59) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(58, 25, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 25, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 25, 59);  
box-shadow:4px 4px 4px 4px rgb(58, 25, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.792, 326.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 25, 59) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 25,  
59) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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